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Patent
PD-202109
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 10/519,322
I.A. Filing Date: July 1, 2003
371 (c) Date: December 23, 2004

For: IMPROVING HIERARCHICAL
8 PSK PERFORMANCE

Group Art Unit: 2611
Examiner: AHN, Sam K.

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: 22313-1450, on the date below.

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:

: Georgann S. Grunebach

: Typed or printed name of person signing certificate

: Date: April 3, 2006

INFORMATION DISCLOSURE STATEMENT

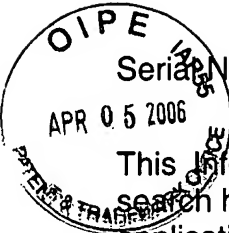
Mail Stop Amendment
Commissioner for Patents
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Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

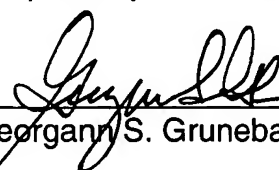
This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.



This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

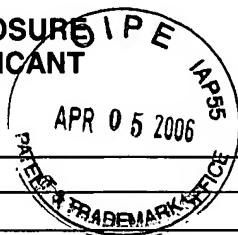
By: 
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April 3, 2006

Substitute for forms PTO/SB/08A and PTO/SB/08B INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete if Known	
	Application Number	10/519,322
	I.A. Filing Date	July 1, 2003
	371 (c) Date	December 23, 2004
	First Named Inventor	Ernest C. Chen
	Art Unit	2637
	Examiner Name	To be determined
Sheet 1 of 2	Attorney Docket Number	PD-202109



U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

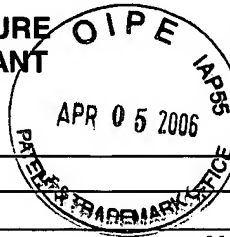
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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for forms PTO/SB/08A and
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**



Complete if Known

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Sheet 2 of 2

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		MEYR, HEINRICH et al.; "Digital Communication Receivers – Synchronization, Channel Estimation, and Signal Processing"; John Wiley & Sons, Inc.; 1998; pages 212-213 and 217-218; XP 002364874	
		MEYR, HEINRICH et al.; "Digital Communication Receivers – Synchronization, Channel Estimation, and Signal Processing"; John Wiley & Sons, Inc.; 1998; pages 610-612; XP 002364876	

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